

JUN 20 2007



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DATE: June 20, 2007

FILE NUMBER: 17344/123001 (CDT 1792)

TO: USPTO
Commissioner for Patents

FAX NUMBER: 571-273-8300

FROM: Jeffrey S. Bergman/ATG/rcb

PAGES INCLUDING COVER: 5

RE: Revocation and Substitution of Power of Attorney
Patent Application/Serial No. 09/977,666

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Name of Applicant: CATALYTIC DISTILLATION TECHNOLOGIES
Address of Applicant: 10100 Bay Area Boulevard
Pasadena, Texas 77507

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

**REVOCATION AND SUBSTITUTION
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, CATALYTIC DISTILLATION TECHNOLOGIES, the applicant of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 70312

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to the address associated with Customer Number 70312.

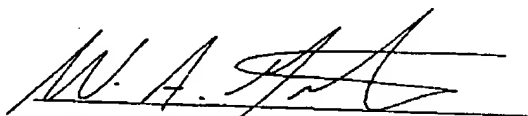
Further, please change the attorney/docket number corresponding to the patent applications listed in APPENDIX A from the attorney/docket number on file to that indicated on APPENDIX A.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

- 1 -

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature:



Dated:

8 May 2007

Name:

Willibrord A. Groten

Title:

Managing Director

Catalytic Distillation Technologies

233793_1

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APPENDIX A

1. **Patent Application/Serial No.:** 07/632,478
Title: APPARATUS OF ALKYLATION USING ALKANES AND OLEFINS
Filed: 12/24/1990
Assignee: Chemical Research & Licensing
Reel/Frame No.: 5900/0647
Reference No: 17344/013001 (CDT 1161)

2. **Patent Application/Serial No.:** 10/827,648
Title: PULSE FLOW REACTION
Filed: 04/19/2004
Assignee: Catalytic Distillation Technologies
Reel/Frame No.: INSERT
Reference No: 17344/132002 (CDT 1839 Div)
Parent No. 60/334,560

3. **Patent Application/Serial No.:** 09/977,666
Title: HYDROGENATION CATALYST AND HYDROGENATION PROCESS
Filed: 10/15/2001
Assignee: Catalytic Distillation Technologies
Reel/Frame No.: 012269/0269
Reference No: 17344/123001 (CDT 1792)

APPENDIX A (cont'd)**4. Patent Application/Serial No.: 10/219,877****Title:** PARAFFIN ALKYLATION**Filed:** 08/15/2002**Assignee:** Catalytic Distillation Technologies**Reel/Frame No.:** 013199/0646**Reference No:** 17344/118001 (CDT 1769)**Parent No.** 60/313,987**5. Patent Application/Serial No.: 08/268,811****Title:** REDUCTION OF NITRITE
CONTAMINANTS BY SELECTIVE
HYDROGENATION**Filed:** 06/30/1994**Assignee:** Chemical Research & Licensing Co.**Reel/Frame No.:** 7063/0585**Reference No:** 17344/035001 (CDT 1322)

240928_1 (Group 3)